

# **Job Safety Analysis( JSA's) Pre Task Safety Plans**

# Job Hazard Analysis

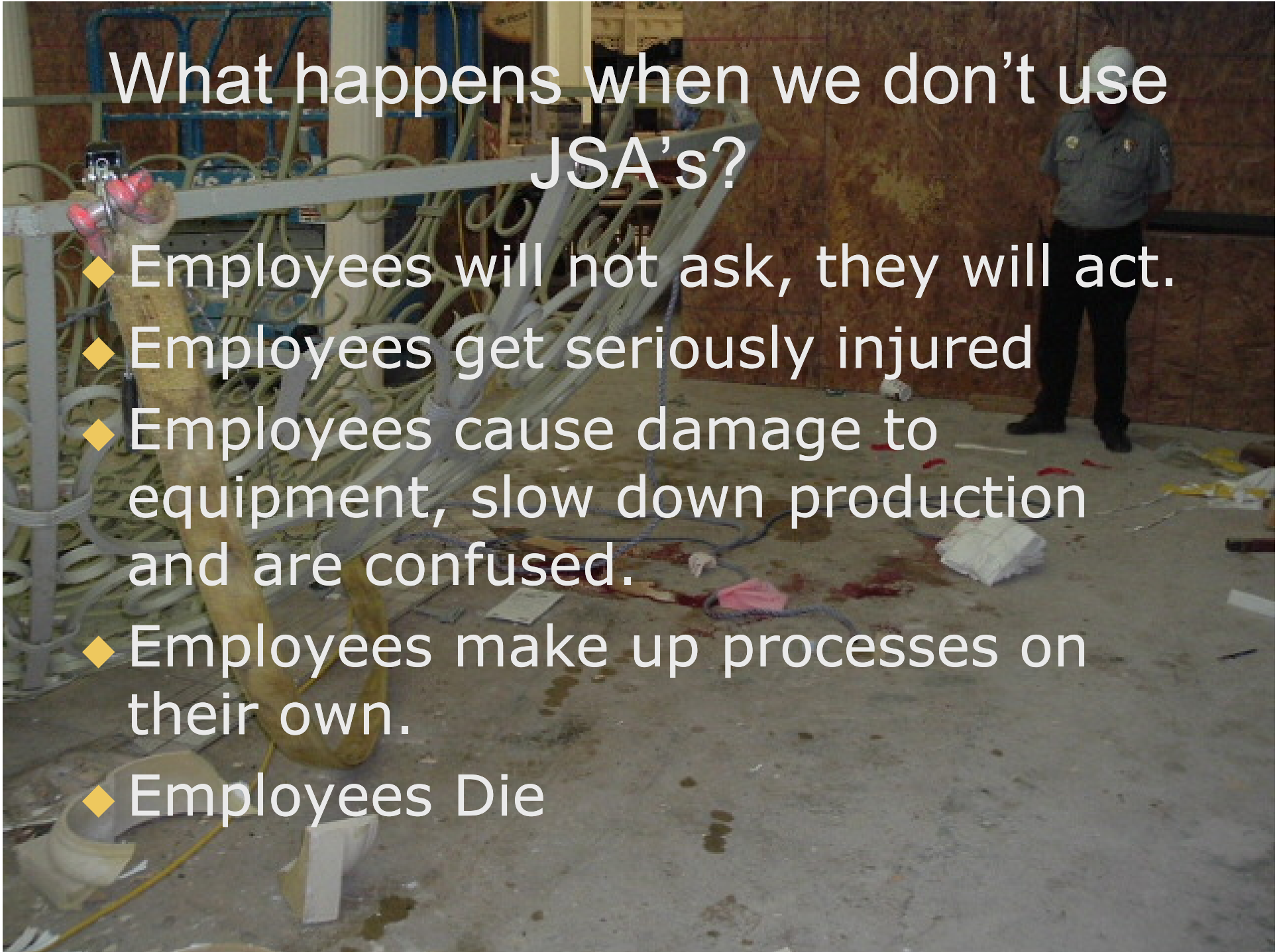
Steps	Hazards	Causes	Control Measures

# Why do we use JSA's

- ◆ Allows us to identify work being performed and plan that work PRIOR to it being done.
- ◆ Allows us to identify the steps in performing the job.
- ◆ Allows us to identify the safety equipment/personnel to perform the job.
- ◆ Allows us to blend the steps of performance with the safety needed.
- ◆ Allows us to complete the job in a safe, planned and on-time basis.

# What happens when we don't use JSA's?

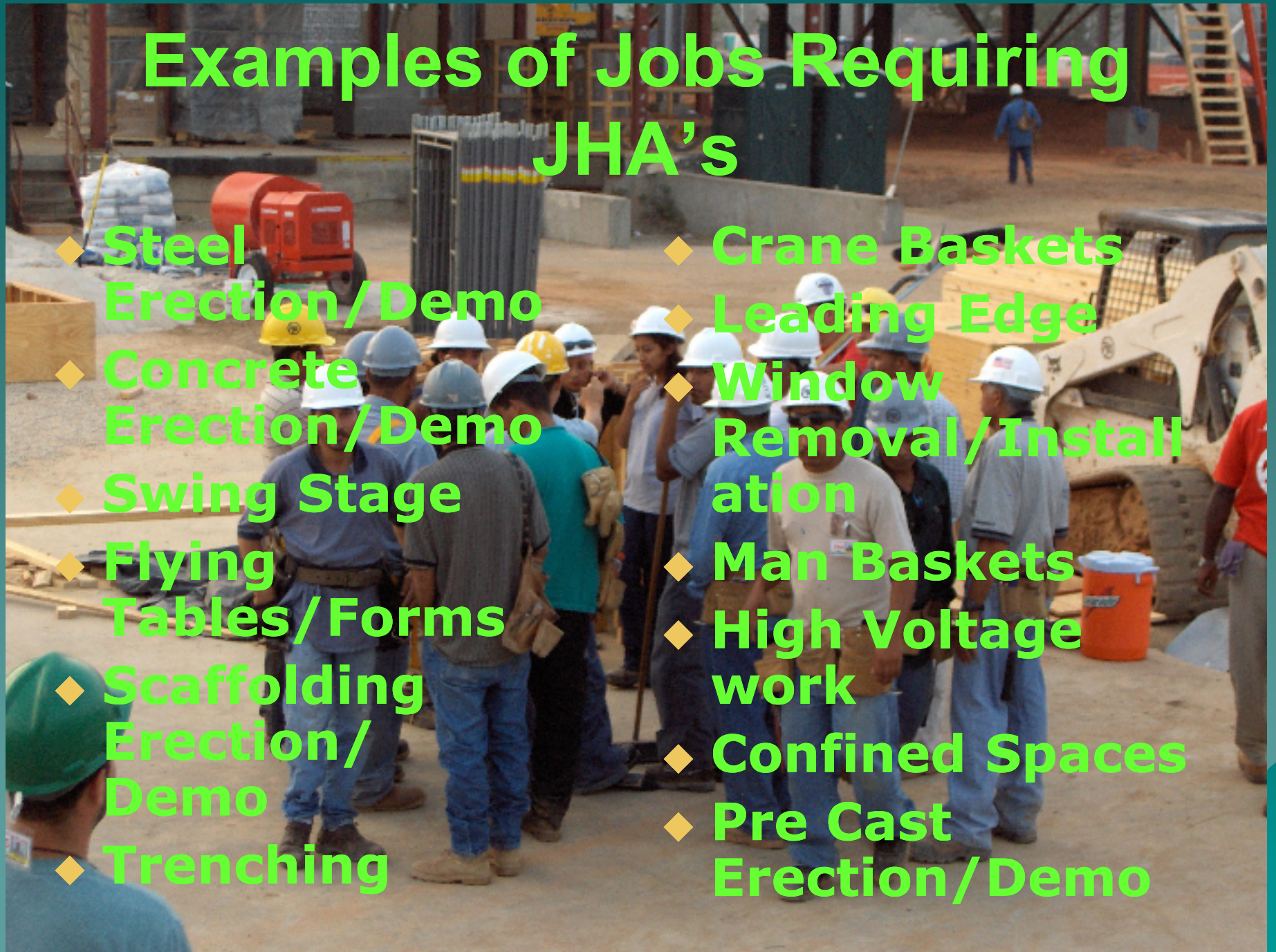
- ◆ Employees will not ask, they will act.
- ◆ Employees get seriously injured
- ◆ Employees cause damage to equipment, slow down production and are confused.
- ◆ Employees make up processes on their own.
- ◆ Employees Die





# Examples of Jobs Requiring JHA's

- ◆ Steel Erection/Demo
- ◆ Concrete Erection/Demo
- ◆ Swing Stage
- ◆ Flying Tables/Forms
- ◆ Scaffolding Erection/Demo
- ◆ Trenching
- ◆ Crane Baskets
- ◆ Leading Edge
- ◆ Window Removal/Installation
- ◆ Man Baskets
- ◆ High Voltage work
- ◆ Confined Spaces
- ◆ Pre Cast Erection/Demo



How hard are JSA's to complete?

◆ Can you make a Peanut Butter Sandwich?

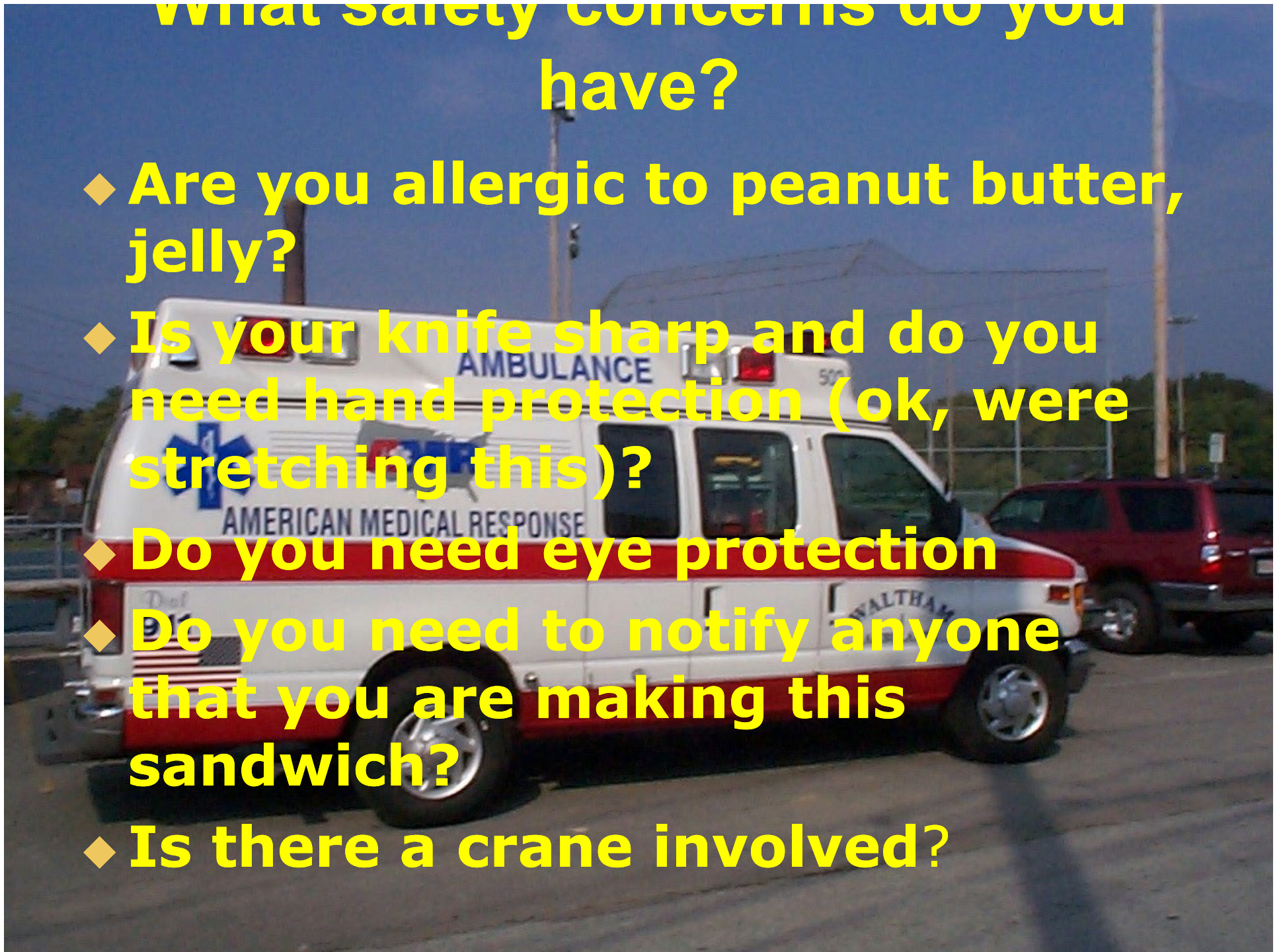
◆ What do you need to make a PB&J ?

1. Peanut Butter
2. Jelly
3. Bread
4. Knife
5. Hunger and a time you need to eat by?



# What safety concerns do you have?

- ◆ Are you allergic to peanut butter, jelly?
- ◆ Is your knife sharp and do you need hand protection (ok, were stretching this)?
- ◆ Do you need eye protection
- ◆ Do you need to notify anyone that you are making this sandwich?
- ◆ Is there a crane involved?



## Hazard Assessment Worksheet

Company (print name): \_\_\_\_\_

Date: \_\_\_\_\_

Preparer (print name): \_\_\_\_\_

Preparer's Signature: \_\_\_\_\_

Definable Feature of Work: \_\_\_\_\_

Worksheet Number: \_\_\_\_\_

Task or Step	Hazard Description	Required Controls: Engineering, Administrative, PPE	Validation/Verification Methods
1.	a. b. c. ...	a. b. c. ...	a. b. c. ...
2.	a. b. c. ...	a. b. c. ...	a. b. c. ...
3.	a. b. c. ...	a. b. c. ...	a. b. c. ...
4.	a. b. c. ...	a. b. c. ...	a. b. c. ...
5.	a. b. c. ...	a. b. c. ...	a. b. c. ...
...			

***Ok, lets try one. Get your Pre Task Form and look at this photo***

- ◆ ***We need to put some flashing up on the side of this building. It will require 4 employees to perform the task that is 6 feet off the ground.***
- ◆ ***Determine what Steps there are***
- ◆ ***Identify all hazards***
- ◆ ***Identify how you will control the hazards***

***Ready?***







# Ok together

- ◆ What are the steps of the job?
- ◆ Place scaffolding CORRECTLY next to the building to ensure there are no fall hazards
- ◆ Get hand tools to cut flashing
- ◆ Get any supplies needed to perform the task
- ◆ Place the flashing up and secure it with a drill and screw.
- ◆ Caulk to flashing
- ◆ Remove the Scaffolding.

04/24/2006 12:00

- ◆ What are the Hazards of the Job?
- ◆ Scaffolding placement
- ◆ Egress and ingress to the Scaffolding
- ◆ Falls
- ◆ Hand and eye injuries
- ◆ Potential laceration hazard
- ◆ Back injuries due to lifting flashing???
- ◆ Potential inhalation hazard??



# How will we control the hazard

- ◆ Ensure proper placement of scaffolding with fall protection (if fall protection is on the scaffolding, our employees do not need PPE fall protection)
- ◆ Proper PPE; Head, hand, eye, foot and back injury protection (if needed).
- ◆ Quick meeting with team members performing the task explaining the hazards and work to be performed.
- ◆ Proper supervision when needed, time line and expectations, follow through.

05/04/2008 ps.24

# When should we use JSA's and who should write them?

## ◆ When?

- Hazardous tasks
- New tasks
- Excavations below 4-11"
- Difficult tasks
- Demolition activities
- Window installers
- Contractors who are going to put their employees in harms way.

## ◆ Who?

- Electricians
- Plumbers
- Mechanical Contractors
- Iron workers
- Window installers
- Us!
- Etc.

# Questions?

